



# LDPC PARTICIPATION AND EDUCATION CREDIT PLAN

*Andrew Brooks, Dominion Energy  
Tracey Lamb, State Corporation  
Commission*





INTRODUCTIONS



COMMON GROUND ALLIANCE  
REGIONAL PARTNERS



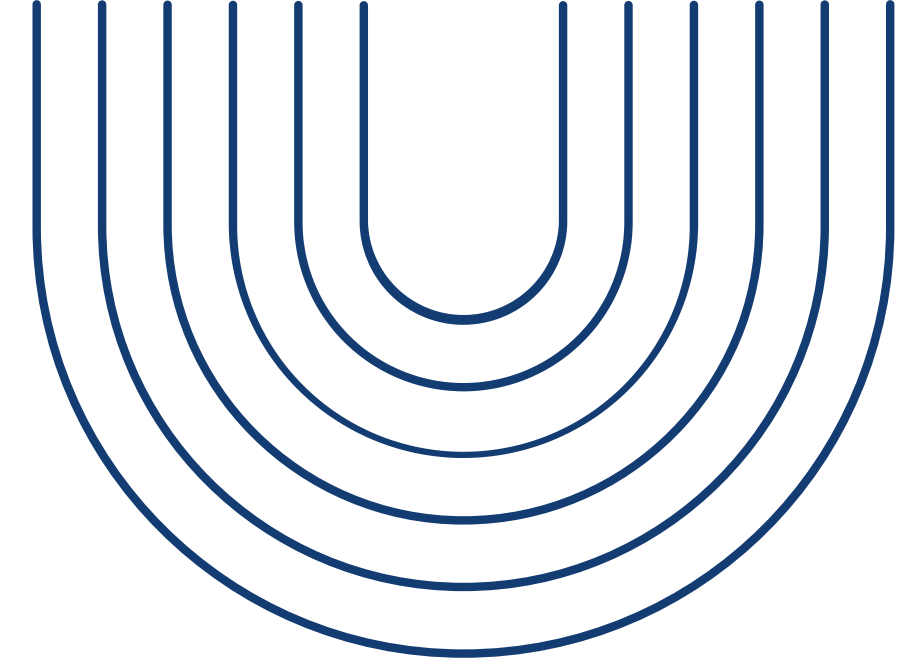
LOCAL DAMAGE PREVENTION  
COMMITTEES



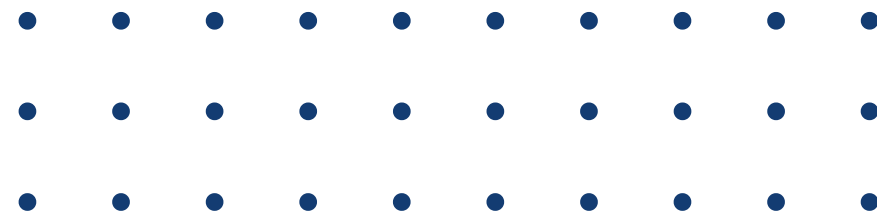
SCC ADVISORY COMMITTEE  
EDUCATION CREDIT PLAN



QUESTIONS AND ANSWERS

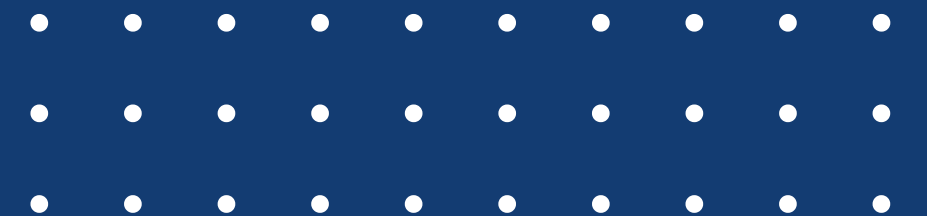


# AGENDA





# INTRODUCTIONS







**LOCAL DAMAGE PREVENTION COMMITTEE**

**change**

**REGIONAL PARTNER GROUP**



# COMMON GROUND ALLIANCE REGIONAL PARTNERS

## *Mission*

Promote communication between stakeholders about damage prevention, the 811 system, and the C.A.R.E. process. The Partners shall not exclude any stakeholder group from discussions.



Regional Partners



# COMMON GROUND ALLIANCE REGIONAL PARTNERS

## **CGA Regional Liaison – Andrew Brooks**

Host bi-annual meeting with chairpersons and share concerns with Advisory Committee as needed

### **Chair/Co-chairs**

**Central – Steven Nugent**

**Winchester – Dave Knox**

**Southwestern– Perry Patterson/ Alex House**

**Northern – Rosemary Langowski**

**Fredericksburg – Bob Dustin/ Chad Mayhew**

**Danville/Lynchburg – Tim Love**

**Eastern – Josh Goss/ Michelle Horton**

**Chair/ Co-chairs will provide meeting content and work with Virginia 811 staff to secure location.**



# COMMON GROUND ALLIANCE REGIONAL PARTNERS



Virginia 811 representatives will assist with communications

- Meeting notices
- Meeting invitations
- Meeting support



Commission staff will provide support and guidance at meetings throughout the state.

# LOCAL DAMAGE PREVENTION – REGIONAL PARTNERS MEETING

- Meet quarterly, at a minimum
- Utilize meeting email and agenda template
- Agenda template includes
  - Introductions
  - Virginia 811 update
  - SCC update
  - Presentation, if possible
  - Open Floor
  - Refreshments



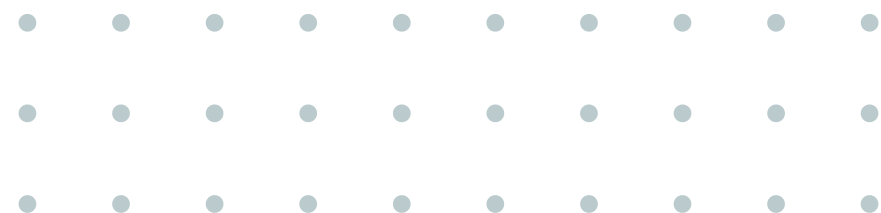
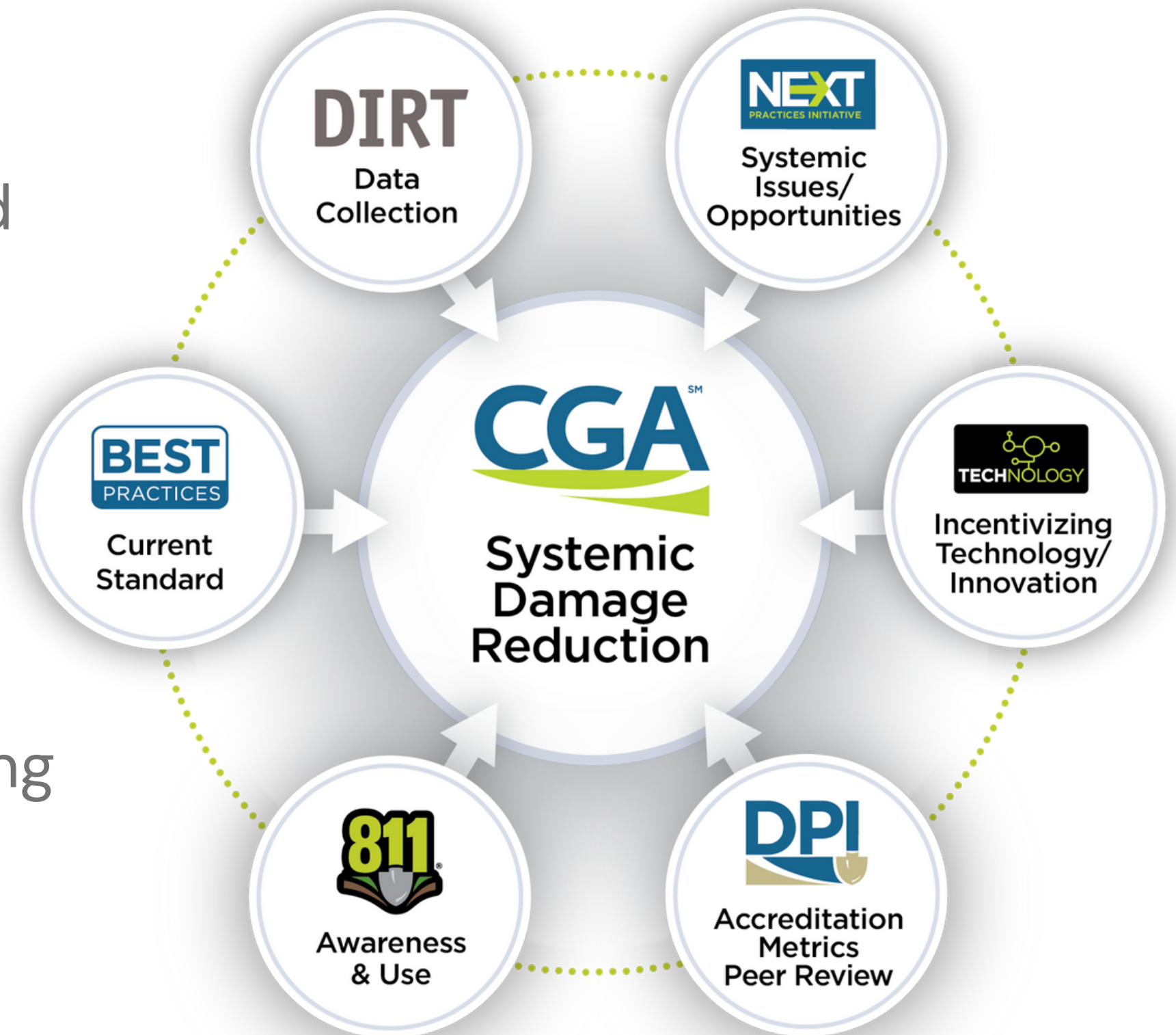
**BLACKSBURG AREA**

**Regional Partner Meeting**



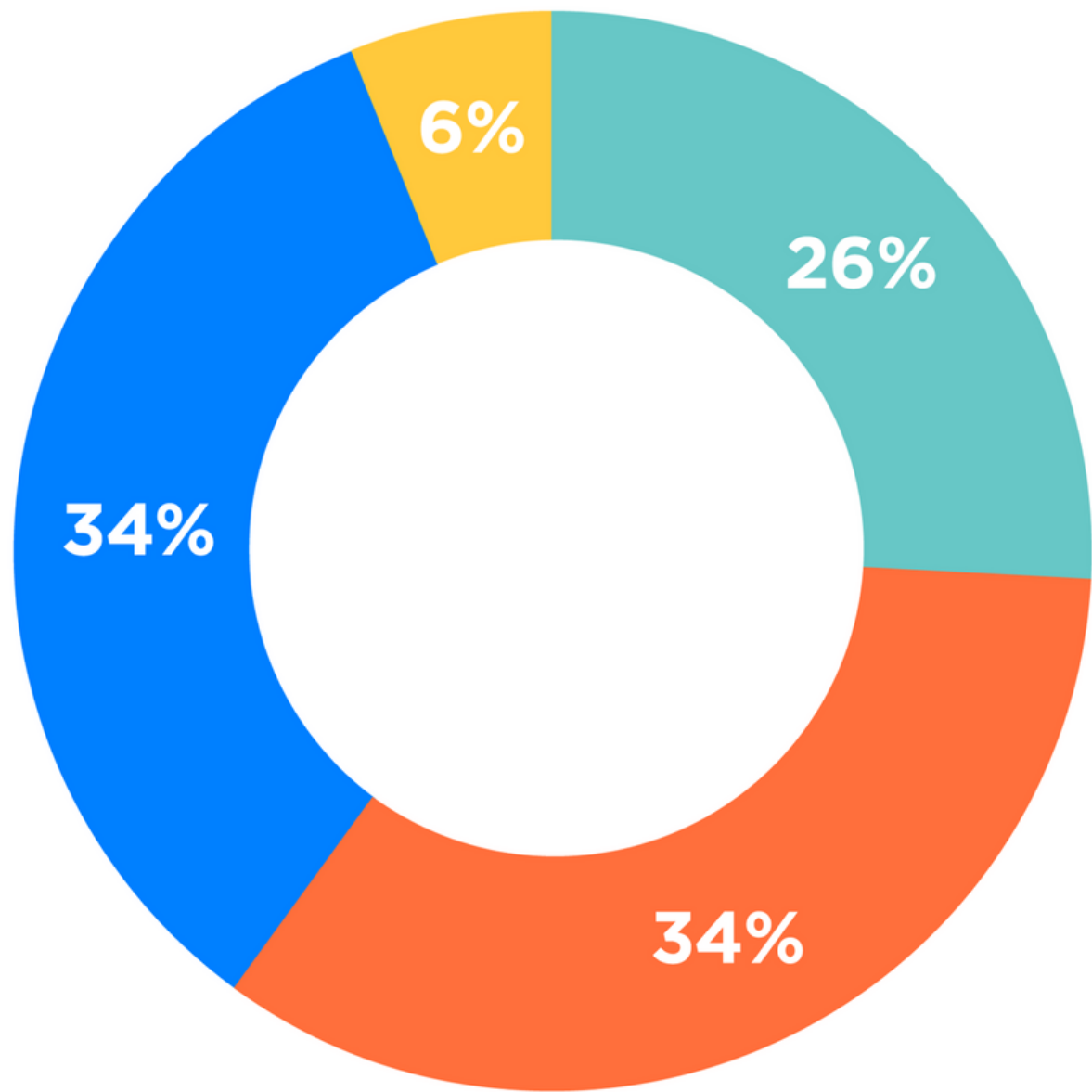
# COMMON GROUND ALLIANCE RESOURCES

- Member organization dedicated to preventing damages to underground utilities
- Numerous committees
  - Regional Partners
  - Technology
  - Best Practices
  - Data Reporting & Evaluation
  - Stakeholder Outreach
  - Educational Programs & Marketing
- Damage Prevention Institute (new)



# COMMON GROUND ALLIANCE DAMAGES BY ROOT CAUSE (2021)

Reported Damages by Root Cause Group  
% of Total 2021



Reported Damages by Root Cause for 2021  
Coded by Root Cause Group

	Root Cause	Reports	2021 % of Total
1	No notification made to 811 center	34,617	25.72%
2	Facility not marked due to locator error	19,341	14.37%
3	Excavator failed to maintain clearance after verifying marks	18,782	13.95%
4	Improper excavation practice not listed elsewhere	12,181	9.05%
5	Marked inaccurately due to locator error	10,763	8.00%
6	Excavator dug prior to verifying marks by potholing	7,090	5.27%
7	Excavator failed to shore excavation/support facilities	3,584	2.66%
8	Marks faded, lost or not maintained	3,449	2.56%
9	Facility not marked due to no response from operator/contract locator	3,138	2.33%
10	Facility marked inaccurately due to incorrect facility record/map	2,764	2.05%
11	Excavator dug prior to valid start date/time	2,704	2.01%
12	Excavator dug after valid ticket expired	2,678	1.99%
13	Facility not marked due to unlocateable facility	2,532	1.88%
14	Facility not marked due to incorrect facility record/map	2,500	1.86%
15	Site marked but incomplete at damage location	1,985	1.47%
16	Excavator dug outside area described on ticket	1,750	1.30%
17	Facility marked inaccurately due to abandoned facility	1,099	0.82%
18	Excavator provided incorrect notification information	961	0.71%
19	Previous damage	662	0.49%
20	Facility not marked due to abandoned facility	548	0.41%
21	Facility marked inaccurately due to tracer wire issue	548	0.41%
22	Facility not marked due to tracer wire issue	294	0.22%
23	Deteriorated facility	282	0.21%
24	811 center error	207	0.15%
25	Improper backfilling	151	0.11%
	Total	134,612	100.00%

Legend

- Excavation Practices
- Invalid Use of Request by Excavator
- Locating Practices
- Miscellaneous
- No Locate Request

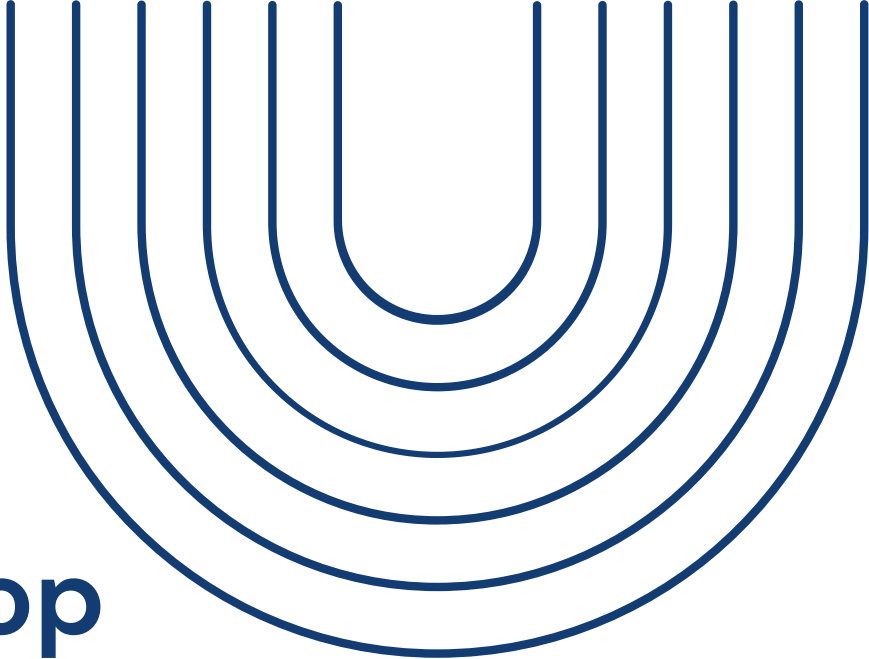
Chart does not include "unknown" values, and accounts for multiple reports of the same event.

# 76% OF REPORTED DAMAGES – ATTRIBUTED TO TOP 6 CAUSES

Root Cause			Reports	2021 % of Total
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3		Excavator failed to maintain clearance after verifying marks	18,782	13.95%
4		Improper excavation practice not listed elsewhere	12,181	9.05%
5		Marked inaccurately due to locator error	10,763	8.00%
6		Excavator dug prior to verifying marks by potholing	7,090	5.27%
76.36%				



# CLEAR DAMAGE AND ROOT CAUSE TRENDS



No notification made to 811 center remains the top root cause with over a quarter of all damages still attributed to no notification.



CGA excavator research tells us that professional excavator awareness of 811 is very high, yet **60% of all damages due to *no notification* can be attributed to professional excavators.**



It is important to note that **36% of those professional excavators failing to contact 811 were likely working on projects associated with utilities** (natural gas, electric, telecommunications) and/or municipalities (water, sewer, road, sidewalks, etc.).

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# CLEAR ROOT CAUSE TRENDS



Digging without notification to 811



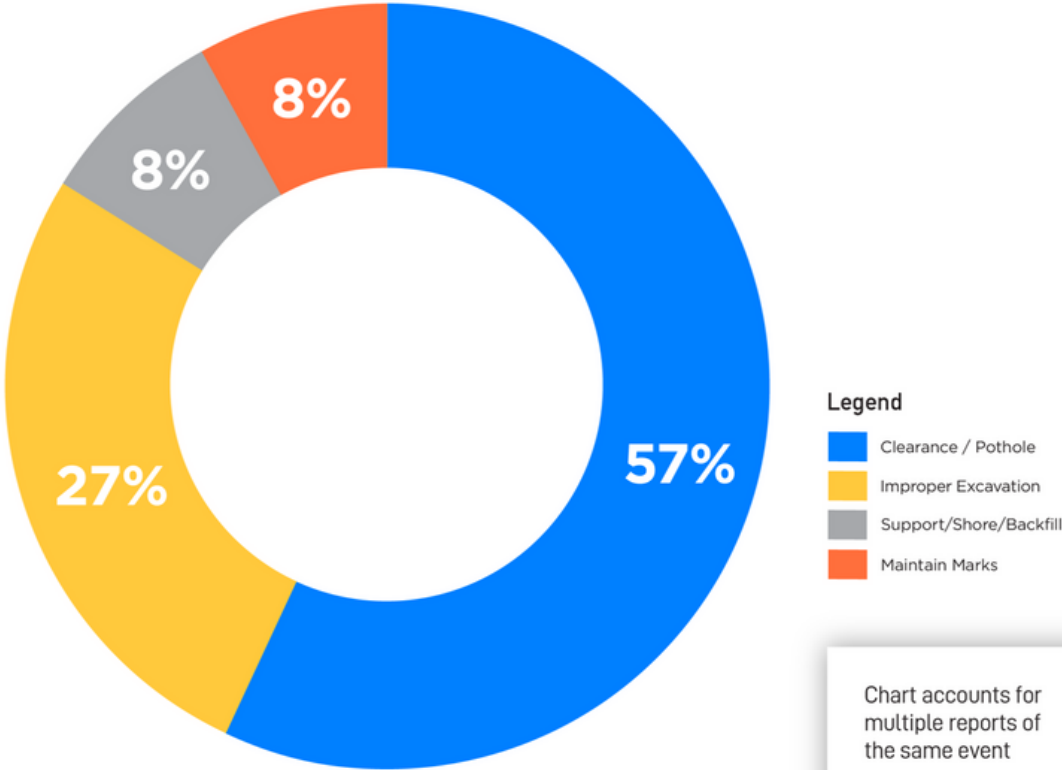
Excavators **failing to pothole and failing to maintain sufficient clearance**



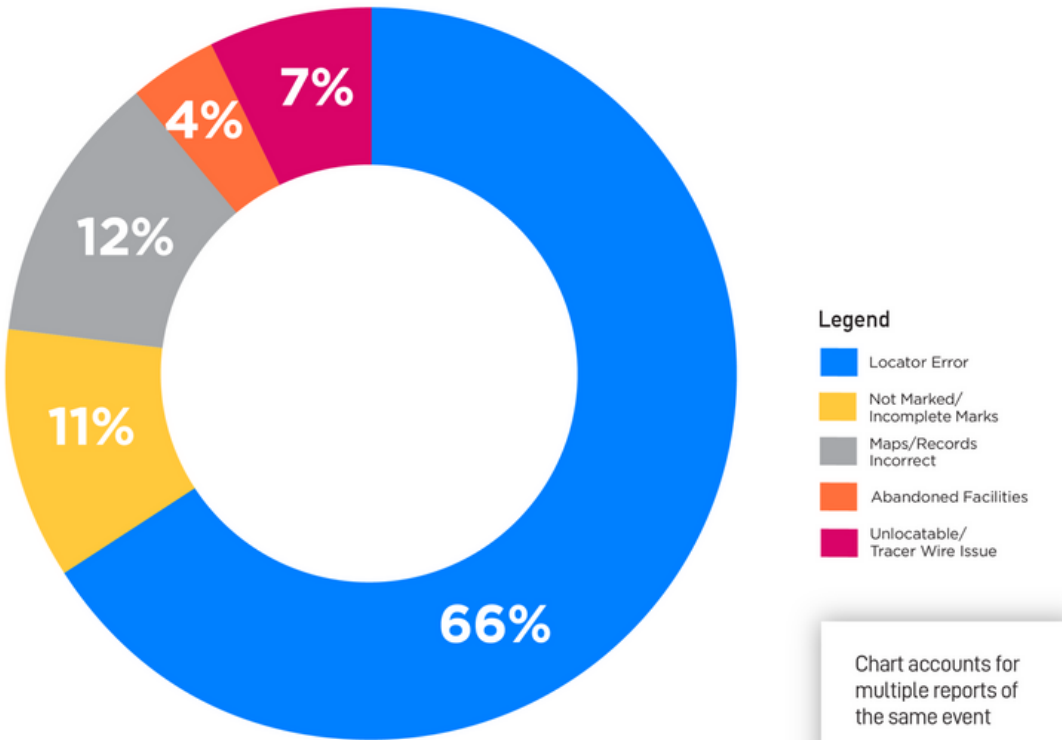
Facilities not being marked or being marked inaccurately due to **locator error** and/or **incorrect facility records/maps**.

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Excavation Practices Root Causes  
% of Total 2021



Locating Practices Root Causes  
% of Total 2021



### **CRITICAL CHALLENGE #1**

**Facilities not marked  
accurately and on  
time**

### **CRITICAL CHALLENGE #2**

**Excavator errors  
in the field**

### **CRITICAL CHALLENGE #3**

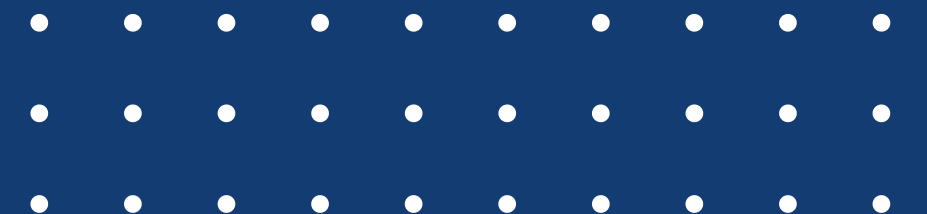
**Effective and  
consistent use of  
811**

## **SYSTEMIC OPPORTUNITIES**

- **Increase effective implementation of electronic white lining.**
- **Pursue accurate, accessible GIS-based mapping.**
- **Utilize technology/software to account for variability in demand.**
- **Contractually incentivize adherence to Best Practices and address incidents via effective enforcement mechanisms.**



# SCC ADVISORY COMMITTEE EDUCATION CREDIT PROGRAM



# EDUCATION CREDIT PLAN

- Purpose
- Components
- Eligibility





## EDUCATION CREDIT PLAN – PURPOSE

One-third off of civil penalty recommended  
by SCC Damage Prevention Advisory  
Committee for following year

## EDUCATION CREDIT PLAN – COMPONENTS

**Training conducted shall be Excavator Computer Based Training or equivalent.**

- Conducted on job site
- Conducted for other companies/homeowners
- Attend training events conducted by others
- In-house training of own employees

Provide copy of attendance sheets, agenda, presentation, describing the training subject reviewed.

# EDUCATION CREDIT PLAN – COMPONENTS

## Meeting Attendance

- Local Damage Prevention Committee (Regional Partners Group)
- Damage Prevention Conference
- Pipeline Safety Conference
- Virginia 811 Membership Meetings

Minimum requirement – Attend any two of the above meetings.

# EDUCATION CREDIT PLAN – COMPONENTS

## Distribution of Promotional/Damage Prevention Material

- TV/Radio/Internet advertisements
- Events
- Social Media
- Bill Inserts
- Websites

Minimum requirement – Utilize at least one of the stated forms of communication to promulgate damage prevention messaging.





# EDUCATION CREDIT PLAN – COMPONENTS

## Policy Statement

Provide a company policy statement as it relates to underground damage prevention and education.

Minimum requirement – Document signed by an officer of the company or appropriate representative.



# EDUCATION CREDIT PLAN – COMPONENTS

## Eligibility

- Plan based on calendar year, Jan 1 – Dec 31
- Submit by Dec 1 of each year to Carl Dale
- To be eligible for the Education Credit Program, the plan must include all components
- Completed plans will received a 1/3 suspension from any report resulting in a civil penalty.
- The program will be re-evaluated to determine the need for additional or more stringent requirements.



The background is a dark blue gradient with several light blue geometric and mechanical motifs. A large gear with a question mark inside is prominent on the left. Other smaller gears with question marks are visible in the top right and bottom right. A network of white dots connected by thin lines is scattered across the image. The word "QUESTIONS" is centered in a white, sans-serif font with a slight drop shadow.

QUESTIONS





# THANK YOU!

*Andrew Brooks*  
*andrew.brooks@dominionenergy.com*

*Tracey Lamb*  
*tracey.lamb@scc.virginia.gov*

